Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450



(703) 746-4000

appropriate All further cor	respondence including the legion or directed otherwise	Patent advance on	ders and noti	fication of	f maintenance fees v	ired). Blocks 1 through 4 s vill be mailed to the current and/or (b) indicating a sep	correspondence address as	
CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections 7590 04/28/2004 CROWELL & MORING, L.L.P. P.O. Box 14300 Washington, DC 20044-4300			P & JC11 304		Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.  Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.  (Depositor's name)			
-	PADEMARKOT		-					
				-			(Signature)	
				L			(Date)	
APPLICATION NO.	FILING DATE	FIRST NAMED IN			OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/942,120	08/30/2001	Minoru Hashi				381AS/50347	6937	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE	
nonprovisional NO		\$1330	\$1330		\$300	\$1630	07/28/2004	
EXAMINER		ART UNIT		CLASS-SUBCLASS		]		
MILLER, V	3677			277-549000	,			
PLEASE NOTE: Unless	Correspondence tion form e of a Customer E PRINTED ON T	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.  THE PATENT (print or type)  data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has eparate cover. Completion of this form is NOT a substitute for filing an assignment.						
(A) NAME OF ASSIGN					and STATE OR CO		- <b></b>	
Hitachi, Ltd.			Tokyo, J	<b>Japan</b>				
	assignee category or catego	ries (will not be pr	inted on the p	atent);	🗅 individual 🧏 (	corporation or other private g	roup entity 🖸 government	
4a. The following fee(s) are	enclosed:		. Payment of	` '	. 6.1 6 ()			
☐ Issue Fee ☐ Payment by credit card. Form PTO-2038 is attached.								
Advance Order - # of	Copies <u>5</u>			•		narge the required fee(s), or (enclose an extra c	credit any overpayment, to	
Director for Patents is reque	sted to apply the Issue Fee a					ssue fee to the application ide		
(Authorized Signature)	Xin	(Date)		I				
James F. McKeov NOTE; The Issue Fee and other than the applicant; interest as shown by the re			07/29/2004 9 01 FC:1501 02 FC:1504 03 FC:8001	SHASSEN2 00000136 0994	1330.00 pp 300.00 pp			
This collection of informa	ition is required by 37 CFR	1.311. The inform	nation is requ	ired to	40 1010001		15.00 NP	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)